

Air Mix Door Actuator

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

27. Air Mix Door Actuator

A: REMOVAL

1. LH SIDE

CAUTION:

Before handling the airbag module, refer to "CAUTION" of "General Description" in "AIRBAG SYSTEM". <Ref. to AB-9, CAUTION, General Description.>

1) Disconnect the battery ground cable and wait for at least 60 seconds before starting work. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For models other than STI model, disconnect the ground terminal from battery sensor.

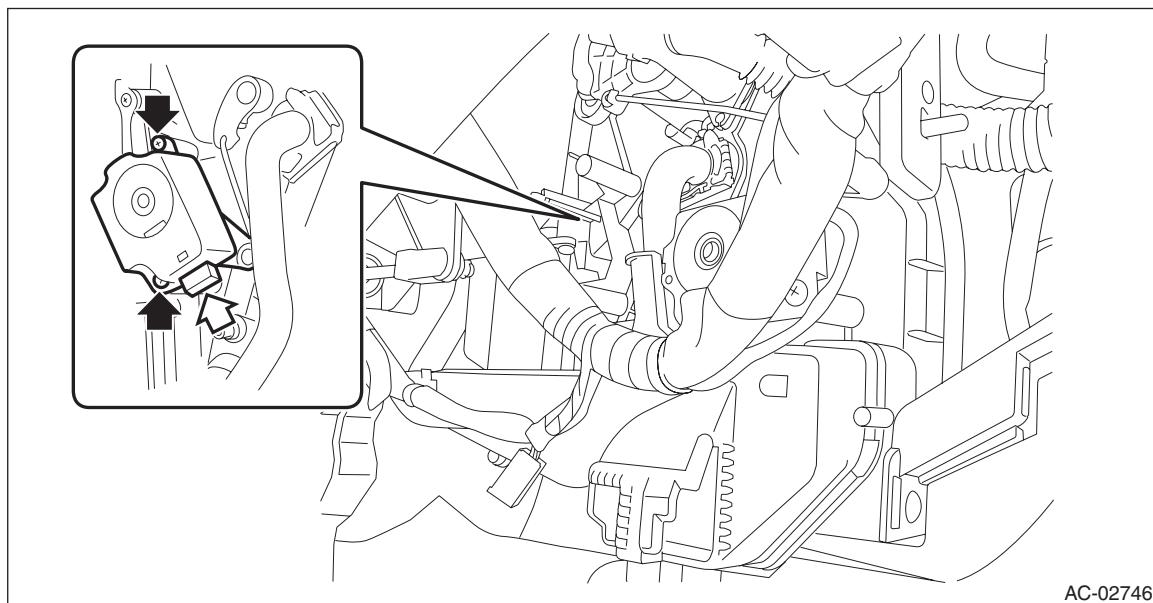
2) Remove the instrument panel lower cover. <Ref. to EI-61, REMOVAL, Instrument Panel Lower Cover.>

3) Remove the knee airbag module. <Ref. to AB-35, REMOVAL, Knee Airbag Module.>

4) Remove the motor - actuator mix.

(1) Disconnect the connector, and remove the rod from the rod clamp.

(2) Remove the screws and detach the motor - actuator mix.



2. RH SIDE

- 1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

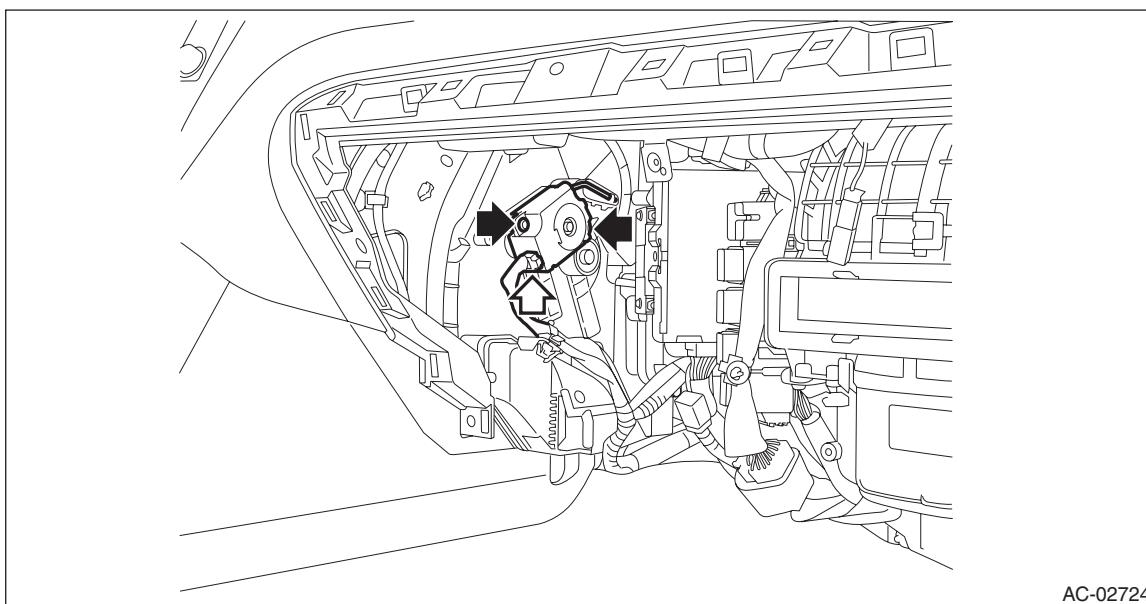
For models other than STI model, disconnect the ground terminal from battery sensor.

- 2) Remove the glove box. <Ref. to EI-63, REMOVAL, Glove Box.>

- 3) Remove the motor - actuator mix.

(1) Disconnect the connector, and remove the rod from the rod clamp.

(2) Remove the screws and detach the motor - actuator mix.



B: INSTALLATION

1. LH SIDE

CAUTION:

Before handling the airbag module, refer to “CAUTION” of “General Description” in “AIRBAG SYSTEM”. <Ref. to AB-9, CAUTION, General Description.>

- 1) Install the motor - actuator mix.

- 2) Install the knee airbag module.

Tightening torque:

7.5 N·m (0.8 kgf·m, 5.5 ft-lb)

- 3) Install the instrument panel lower cover.

- 4) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For models other than STI model, connect the ground terminal to battery sensor.

2. RH SIDE

- 1) Install the motor - actuator mix.

- 2) Install the glove box.

- 3) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For models other than STI model, connect the ground terminal to battery sensor.

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C: INSPECTION

1. CHECK LINK

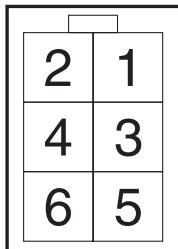
- 1) Visually check the operation range of the link, and remove the foreign material if any.
- 2) Operate the temperature control dial to check that the link operates normally.
- 3) If it does not operate normally as the result of inspection, check the motor - actuator mix.

2. CHECK ACTUATOR

- 1) Measure the resistance between connector terminals.

Preparation tool:

Circuit tester



AC-03547

Terminal No.	Inspection conditions	Standard
3 — 1	Always	80 — 100 Ω
3 — 2		
3 — 5		
3 — 6		

- 2) Replace the motor - actuator mix if it is found defective as a result of inspection.